



MIPI Kamera Module

MIPI for industry starts here

Die ultrakompakten Platinen unterstützen die MIPI-Spezifikation CSI-2 und sind mit vielen verschiedenen Bildsensoren verfügbar. Die Miniaturkameras sind äußerst kostengünstig und mit einer Vielzahl von Standardplattformen kompatibel. Unser neues VC Sandwich96 Board, ein CSI & Ethernet Adaptor Board, macht aus einem 96Board eine intelligente VC-Kamera!

MIPI-Module eignen sich besonders für Multi-Kamera-Applikationen, z.B. für mobile und dezentrale Applikationen wie autonomes Fahren, Drohnen, Smart City, Medizintechnik und Laborautomation. Unsere MIPI-Sensorboards bieten OEMs eine hochflexible Komponente für die Umsetzung Ihrer Embedded-Vision-Lösungen – und das alles made in Germany!

The ultra-compact boards support the MIPI CSI-2 specification and they are available with many different image sensors. Thanks to standardized data transmission, the miniature cameras can be manufactured and integrated into various platforms at extremely low costs. With our new VC Sandwich96 Board, a CSI & Ethernet Adaptor Board, we offer the perfect solution to make an intelligent VC camera from a 96board!

MIPI modules are ideal for multi camera applications including mobile and distributed applications like autonomous driving, UAVs, Smart City, medical technology, and laboratory automation. With MIPI sensor boards we offer OEMs a highly versatile component for their embedded vision solutions – all made in Germany!

MIPI KAMERA MODULE

MIPI CAMERA MODULES

Module ID	CMOS Sensor	RESOLUTION px	RESOLUTION MP	Color B&W	Global Shutter	Rolling Shutter	TriggerIn/FlashOut	fps	price €/1000 unit	
VC MIPI OV9281	OmniVision	1200 x 800	1.0	●	✓		✓	120	29.99	available
VC MIPI IMX296	SONY® Pregius™	1440 x 1080	1.6	●●●	✓		✓	60	69.99	available
VC MIPI IMX297	SONY® Pregius™	728 x 544	0.4	●●●	✓		✓	120	69.99	available
VC MIPI IMX290	SONY® Starvis™	1937 x 1097	2.0	●		✓		120	49.99	Q1 2019
VC MIPI IMX291	SONY® Starvis™	1945 x 1097	2.0	●		✓		120	49.99	Q1 2019
VC MIPI IMX327	SONY® Starvis™	1937 x 1097	2.0	●●●		✓		120	49.99	Q2 2019
VC MIPI IMX412	SONY® Starvis™	4056 x 3040	12.3	●●●		✓		60	99.99	Q2 2019
VC MIPI IMX326	SONY® Starvis™	3096 x 2196	6.8	●●●		✓		60	69.99	Q4 2019
VC MIPI IMX274	SONY® Starvis™	3864 x 2196	8.4	●●●		✓		60	89.99	Q4 2019
VC MIPI IMX178	SONY® Pregius™	3096 x 2080	6.3	●●●		✓	✓	60	on request	Q4 2019
VC MIPI IMX226	SONY® Pregius™	4072 x 3046	12.4	●●●		✓	✓	40	on request	Q4 2019
VC MIPI IMX273	SONY® Pregius™	1456 x 1088	1.6	●●●	✓		✓	225	on request	Q1 2020
VC MIPI IMX287	SONY® Pregius™	728 x 544	0.4	●●●	✓		✓	530	on request	Q1 2020
VC MIPI IMX392	SONY® Pregius™	1920 x 1200	2.3	●●●	✓		✓	200	on request	Q1 2020
VC MIPI IMX252	SONY® Pregius™	2064 x 1544	3.2	●●●	✓		✓	160	on request	Q1 2020
VC MIPI IMX265	SONY® Pregius™	2064 x 1544	3.2	●●●	✓		✓	50	on request	Q1 2020
VC MIPI IMX250	SONY® Pregius™	2464 x 2056	5.1	●●●	✓		✓	130	on request	Q1 2020
VC MIPI IMX264	SONY® Pregius™	2464 x 2056	5.1	●●●	✓		✓	30	on request	Q1 2020

MIPI compatible Boards

MIPI compatible boards

Vision Components®

VC Sandwich96 CSI & Ethernet Adaptor

Auvideo

Auvideo NVIDIA® Jetson™ J100
Processor: NVIDIA® TX1

Auvideo NVIDIA® Jetson™ AGX Xavier™ Carrier

Geniatech

4 IoT - Geniatech Processor: Snapdragon™ 410E

HummingBoard™

HummingBoard™ Processor: NXP i.MX6

HummingBoard™ Pro Processor: NXP i.MX6

MSC

MSC SM2-MB-EP1 (Smarc carrier board)

MSC SM2-IMX8 (Smarc carrier board)

Raspberry Pi®

Raspberry Pi® Zero V1.3 Processor: Broadcomm®

RaspberryPi® 3B+ Processor: Broadcomm®

Raspberry Pi® Compute Module Industrial
Processor: Broadcomm®

Trenz Electronic

ZynqBerry (RaspberryPi® Form Factor with
Xilinx® Z-70075)

Asus®

Asus® Tinker Board Processor: Rockchip® RK3288

DragonBoard™

DragonBoard™ 410C Processor: Snapdragon™ 410E

DragonBoard™ 820C Processor: Snapdragon™ 820E

HiKey

HiKey960 Processor: Kirin™ 960

HiKey970 Processor: Kirin™ 970

MediaTec

MediaTec X20 Processor: Helio X20

NVIDIA®

NVIDIA® Jetson™ TX2 module
Processor: NVIDIA® TX2

NVIDIA® AGX Xavier™

NVIDIA® Jetson Nano™

Rock960

Rock960 Processor: Rockchip® RK3399

Ultra96™

Ultra96™ Processor: Zynq UltraScale+™ ZU3EG

Voipac

Voipac i.MX6 Open Rex single board comp.

Voipac i.MX6 Tiny Rex Baseboard lite

VISION COMPONENTS GMBH

Ottostraße 2 · 76275 Ettlingen · Germany

T +49 7243 2167 0 · www.vcmipi-modules.com

 vision
components®